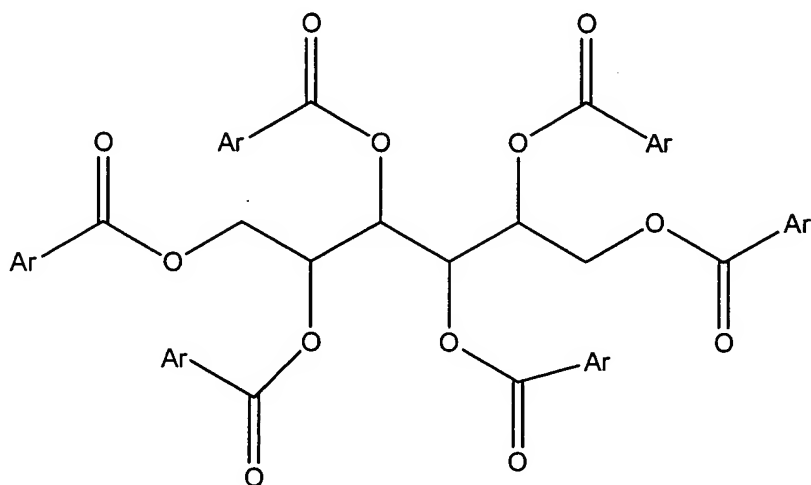


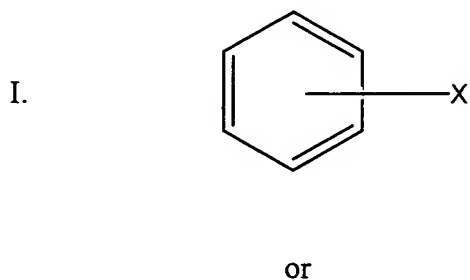
## CLAIMS

What is claimed is:

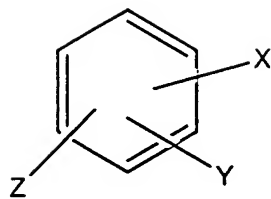
1. A method for reducing sag in a fluid composition, comprising: combining a cystol ester compound with a non-aqueous fluid and particles to reduce sag in the resulting fluid composition.
2. The method of claim 1, wherein the cystol ester compound is generally represented by the following formula:



wherein Ar is generally represented by the following formula:



II.



wherein in formula I, X = hydrogen, an alkyl group, an alkoxyl group, a nitro group, a halide group, a cyano group, an amino group, or an aryl group, and

wherein in formula II, X = Y = Z = an alkoxy or an alkyl group; X = Y or Z with X, Y, and Z being selected from the group consisting of hydrogen, an alkyl group, an alkoxyl group, a nitro group, a halide group, a cyano group, an amino group, and an aryl group; X = Y  $\neq$  Z with X, Y, and Z being selected from the group consisting of hydrogen, an alkyl group, an alkoxyl group, a nitro group, a halide group, a cyano group, an amino group, and an aryl group; or X  $\neq$  Y  $\neq$  Z with X, Y, and Z being selected from the group consisting of hydrogen, an alkyl group, an alkoxyl group, a nitro group, a halide group, a cyano group, an amino group, and an aryl group.

3. The method of claim 1, wherein the non-aqueous fluid comprises an invert emulsion, diesel oil, mineral oil, an olefin, an organic ester, a synthetic fluid, or combinations thereof.

4. The method of claim 1, wherein the fluid composition comprises a wellbore servicing fluid.

5. The method of claim 4, wherein the wellbore servicing fluid comprises a drilling fluid, a work over fluid, a completion fluid, a drill-in fluid, or a kill fluid.

6. The method of claim 1, wherein the cystol ester compound comprises cystol ester, hexa-*O*-benzoyl cystol, hexa-*O*-*para*-toluoyl cystol, hexa-*O*-*meta*-toluoyl cystol, hexa-*O*-*ortho*-toluoyl cystol, hexa-*O*-*para-tert*-butylbenzoyl cystol, hexa-*O*-*para*-pentylbenzoyl cystol, hexa-*O*-*para*-heptylbenzoyl cystol, hexa-*O*-*para*-chlorobenzoyl cystol, hexa-*O*-*para*-cyanobenzoyl cystol,

hexa-*O*-*para*-nitrobenzoyl cystol, hexa-*O*-3,4,5-trimethoxybenzoyl cystol, or combinations thereof.

7. The method of claim 1, wherein the cystol ester compound comprises hexa-*O*-*para*-toluoyl cystol.

8. The method of claim 1, wherein the particles comprise a weighting agent.

9. The method of claim 1, wherein the particles comprise barite, galena, hematite, dolomite, calcite, or combinations thereof.

10. The method of claim 1, wherein an amount of the cystol ester compound present in the non-aqueous fluid is in a range of from about 0.05 % to about 5 % by total weight of the final fluid composition.

11. The method of claim 1, wherein an amount of the cystol ester compound present in the non-aqueous fluid is in a range of from about 0.1 % to about 4 % by total weight of the final fluid composition.

12. The method of claim 1, wherein an amount of the cystol ester compound present in the non-aqueous fluid is in a range of from about 0.2 % to about 3 % by total weight of the final fluid composition.

13. The method of claim 1, wherein the non-aqueous fluid comprises organophilic clay.

14. The method of claim 1, wherein the non-aqueous fluid comprises an invert-emulsion and the particles comprise barite.

15. The method of claim 14, wherein a reduction in the sag is in a range of from about 5 % to about 100 %.

16. The method of claim 14, wherein a reduction in the sag is in a range of from about 10 % to about 100 %.

17. The method of claim 14, wherein a reduction in the sag is in a range of from about 15 % to about 100 %.

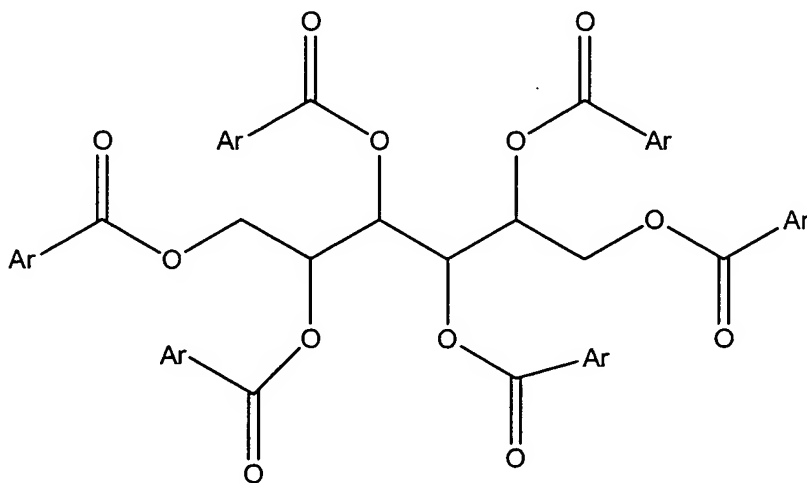
18. The method of claim 14, wherein an apparent viscosity of the fluid composition changes by less than about 50 % when the cystol ester compound is added.

19. The method of claim 14, wherein an apparent viscosity of the fluid composition changes by less than about 20 % when the cystol ester compound is added.

20. The method of claim 14, wherein an apparent viscosity of the fluid composition changes by about 5 % when the cystol ester compound is added.

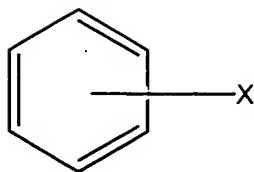
21. A fluid composition comprising: a non-aqueous fluid, particles, and a cystol ester compound for reducing sag in the fluid composition.

22. The fluid composition of claim 21, wherein the cystol ester compound is generally represented by the following formula:



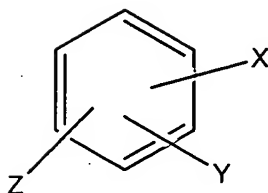
wherein Ar is generally represented by the following formula:

I.



or

II.



wherein in formula I, X = hydrogen, an alkyl group, an alkoxyl group, a nitro group, a halide group, a cyano group, an amino group, or an aryl group, and

wherein in formula II, X = Y = Z = an alkoxy or an alkyl group; X = Y or Z with X, Y, and Z being selected from the group consisting of hydrogen, an alkyl group, an alkoxyl group, a nitro group, a halide group, a cyano group, an amino group, and an aryl group; X = Y  $\neq$  Z with X, Y, and Z being selected from the group consisting of hydrogen, an alkyl group, an alkoxyl group, a nitro group, a halide group, a cyano group, an amino group, and an aryl group; or X  $\neq$  Y  $\neq$  Z with X, Y, and Z being selected from the group consisting of hydrogen, an alkyl group, an alkoxyl group, a nitro group, a halide group, a cyano group, an amino group, and an aryl group.

23. The fluid composition of claim 21, wherein the non-aqueous fluid comprises an invert emulsion, diesel oil, mineral oil, an olefin, an organic ester, a synthetic fluid, or combinations thereof.

24. The fluid composition of claim 21, being a wellbore servicing fluid.

25. The fluid composition of claim 24, wherein the wellbore servicing fluid comprises a drilling fluid, a work over fluid, a completion fluid, a drill-in fluid, or a kill fluid.
26. The fluid composition of claim 21, wherein the cystol ester compound comprises cystol ester, hexa-*O*-benzoyl cystol, hexa-*O-para*-toluoyl cystol, hexa-*O-meta*-toluoyl cystol, hexa-*O-ortho*-toluoyl cystol, hexa-*O-para-tert*-butylbenzoyl cystol, hexa-*O-para*-pentylbenzoyl cystol, hexa-*O-para*-heptylbenzoyl cystol, hexa-*O-para*-chlorobenzoyl cystol, hexa-*O-para*-cyanobenzoyl cystol, hexa-*O-para*-nitrobenzoyl cystol, hexa-*O-3,4,5*-trimethoxybenzoyl cystol, or combinations thereof.
27. The fluid composition of claim 21, wherein the cystol ester compound comprises hexa-*O-para*-toluoyl cystol.
28. The fluid composition of claim 21, wherein the particles comprise a weighting agent.
29. The fluid composition of claim 21, wherein the particles comprise barite, galena, hematite, dolomite, calcite, or combinations thereof.
30. The fluid composition of claim 21, wherein an amount of the cystol ester compound present in the fluid composition is in a range of from about 0.05 % to about 5 % by total weight of the fluid composition.
31. The fluid composition of claim 21, wherein an amount of the cystol ester compound present in the fluid composition is in a range of from about 0.1 % to about 4 % by total weight of the fluid composition.
32. The fluid composition of claim 21, wherein an amount of the cystol ester compound present in the fluid composition is in a range of from about 0.2 % to about 3 % by total weight of the fluid composition.
33. The fluid composition of claim 21, further comprising organophilic clay.

34. The fluid composition of claim 21, wherein the non-aqueous fluid comprises an invert-emulsion and the particles comprise barite.
35. The fluid composition of claim 34, wherein the cystol ester compound is capable of reducing the sag by from about 5 % to about 100 %.
36. The fluid composition of claim 34, wherein the cystol ester compound is capable of reducing the sag by from about 10 % to about 100 %.
37. The fluid composition of claim 34, wherein the cystol ester compound is capable of reducing the sag by from about 15 % to about 100 %.
38. A fluid composition made by the method of claim 1.
39. The fluid composition of claim 38, wherein the non-aqueous fluid comprises an invert-emulsion and the particles comprise barite.
40. The fluid composition of claim 39, wherein the sag is reduced by from about 5% to about 100 %.
41. The fluid composition of claim 39, wherein the sag is reduced by from about 10 % to about 100 %.
42. The fluid composition of claim 39, wherein the sag is reduced by from about 15 % to about 100 %.